

ABSTRACT OF THE DISCLOSURE

A system and method for detecting and filtering non-violation events in a traffic light violation prediction and recording system, including at least one violation prediction image capturing device, such as a video camera, and a violation prediction unit. The prediction unit generates a prediction reflecting a probability that the vehicle will violate a red light phase of the traffic signal. A non-violation event filter determines whether the vehicle approaching the traffic signal is actually performing a non-violation action. Non-violation events may include a variety of actions performed by the vehicle, and are fully configurable to meet the needs and policies of various specific intersections and jurisdictions. When the non-violation event filter determines that the vehicle is performing a non-violation action, it causes some number of resources that may have been allocated to recording the non-violating vehicle, and/or prevents further resources from being allocated to such recording.

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